Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 08 Mar 2023 until 23:59 on Thursday 09 Mar 2023

Forecast Issued on Wednesday 08 Mar 2023 at 03:44

Confidence: High for a fine day Wednesday and for becoming more unsettled with significant snow on Thursday but lower for details due to the uncertainty of the development and track of a low pressure system across the UK.

Headline for Wednesday 08 Mar 2023: Mainly dry, cold and sunny. Generally light winds

Mountain weather hazards on Wednesday 08 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability					
<05%	<05%	10%	10%	20%	10%

Forecast for Wednesday 08 Mar 2023

Weather: A mostly dry and sunny day, the sunshine may become a little hazy in the afternoon and a few light snow showers may affect southern hills. Mainly dry with clear spells through the evening.

Chance of cloud-free hill tops above 600m: 90% or more, falling to 40% in south for a time in the evening in any snow showers.

Low Cloud and visibility: Occasional cloud above 500-600m in the south for a time in the evening in any snow showers. Visibility will be generally excellent with good panoramic views of surrounding hills and mountains, perhaps falling to poor in any light snow showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Wednesday 08 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/13 NE	12/16 E	12/18 E	14/20 E	14/21 E	11/17 NE	9/14 NE
300	5/14 NE	9/16 E	10/17 E	10/19 E	10/21 E	7/17 NE	6/14 NE
Valley	5/9 NE	7/15 E	9/16 E	10/19 E	8/18 E	8/19 NE	6/15 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-4/-9	-4/-10	-2/-8	-2/-8	-3/-10	-4/-10	-4/-9
300	-2/-5	-1/-5	2/-2	1/-3	-1/-6	-2/-5	-2/-6
Valley	-1/-4	1/-2	3/0	3/-1	1/-3	-0/-4	-1/-4
Freezing Level*	00m	00m	00m	00m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note severe wind chill effect at all levels.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 08 Mar 2023	0mm	1.2mm	1.6mm

Forecast for Thursday 09 Mar 2023

Weather: Dry overnight but cloud thickening. Outbreaks of snow are expected to spread northeast through the morning, becoming persistent and occasionally heavy, with blizzard conditions likely at higher elevations, during the afternoon and evening. Lying snow drifting considerably in the wind.

Maximum wind: Easterly 10-15mph increasing 25-35mph in the afternoon with gusts around 45-50mph likely over ridges and summits through the afternoon and evening.

Chance of cloud-free hill tops above 600m: Around 60% at first but falling to near zero by early afternoon.

Low Cloud and visibility: Occasional cloud above about 600-700m at first, becoming periods or persistent cloud above 400-500m by early afternoon, with patches below especially in snow. Underneath the cloud visibility very good falling to extremely poor in more persistent snow and near zero in blizzard conditions.

Temperature: **Valleys:** Around Minus 2 Celsius in the early hours rising to Plus 2 Celsius in afternoon.
At 600m: Around Minus 4 Celsius
Freezing level: All levels, rising to around 300m through the afternoon

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